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Figure 1A

Synthetic Oligonucleotide DNA Family Encoding Anti-Green Flourescent Protein Ribozymes

							•		
	ACCAGGA-3' TGGTCCT-5'	ACGTCGC-3' TGCAGCG-5'	ACACGCT-3' TGTGCGA-5'	ACTTCAG-3' TGAAGTC-5'	AGGGTGG-3' TCCCACC-5'	AGGCACT-3' TCCGTGA-5'	ACTTGAA-3' TGAACTT-5'	ACGTAGC-3' TGCATCG-5'	AAGAAGA-3' TTCT'rcT'-5'
	GAA								
	GAC (CTG (GAC (CTG (GAC (GAC	GAC	GAC	GAC	GAC	GAC
	GAC								
	GAG (GAG							
	CGT								
	GTC								
	TGA	TGA ACT	TGA	TGA	TGA ACT	TGA ACT	TGA	TGA	TGA
	TGA	TGA	TGA ACT	TGA ACT	TGA	TGA	TGA ACT	TGA	TGA
	U	ပဗ	ບ່ອ	ပပ	ပေဖ	ပဗ	ပေဖ	ပေဖ	ပေဖ
	-CCAGCTC	-GGCCGTT	-CTCGCCG -GAGCGGC	-GCAGATG -CGTCTAC	-TGGTCAC -ACCAGTG	-AGCGGCT -TCGCCGA	-CATGGCG -GTACCGC	-GCTCCTG -CGAGGAC	-CGTCCTT -GCAGGAA
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Figure 1B

Synthetic Oligonucleotide DNA Family Encoding Anti-Green Flourescent Protein Ribozymes

AACTTCA-3'	TTGAAGT-5'	ACCAGGG-3' TGGTCCC-5'	AAGTCGA-3' TTCAGCT-5'	ACTCCAG-3' TGAGGTC-5'	ACGTTGT-3' TGCAACA-5'	AAGTTCA-3' TTCAAGT-5'	AGCTGCA-3' TCGACGT5'	ACGGGGC-3' TGCCCCG-5'	GAC GAC GAA ACTGGGT-3'
BAA	CTT	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA
GAC (GAC (CTG	GAC (CTG	GAC	GAC	GAC	GAC	GAC	GAC (
GAC		GAC C	GAC (CTG (GAC (CTG (GAC (GAC (CTG	GAC	GAC	GAC
GAG (GAG CTC	GAG CTC	GAG (GAG	GAG	GAG	GAG	
CGT	GCA (CGT (GCA)	CGT	CGT	CGT	CGT	CGT	CGT	CGT GCA (
GTC	CAG	GTC	GTC	GTC	GTC	GTC	GTC	GTC CGT	GTC CAG
	ACT	TGA	TGA ACT	TGA	TGA	TGA	TGA ACT	TGA	TGA
		TGA	TGA	TGA	TGA	TGA	C TGA G ACT	C TGA G ACT	TGA
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-CGCCCTC	-GCGGGAG	-TGCGGTT -ACGCCAA	-CCTCCTT -GGAGGAA	-GTAGTTG -CATCAAC	-TGATATA -ACTATAT	-GGATCTT -CCTAGAA	-GGTCGGC -CCAGCCG	-GCAGCAG -CGTCGTC	-CAGGGCG C TGA TGA GTC CGT GAG -GTCCCGC G ACT ACT CAG GCA CTC
5-	-	31	3.5	3.5	3.5	3-	3.5	3.	3.
(0)		1)	(2)	.3)	[4]	(5)	(91	17)	18)

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Figure 1C

Synthetic Oligonucleotide DNA Family Encoding Anti-Green Flourescent Protein Ribozymes

	GTC CGT GAG GAC GAC GAA ACCATGT-3'CAG GCA CTC CTG CTG CTT TGGTACA-5'	20) 5' -CCATGCC C TGA TGA GTC CGT GAG GAC GAC GAA AGAGTGA-3' 3' -GGTACGG G ACT ACT CAG GCA CTC CTG CTG CTT TCTCACT-5'
	GAA	GAA
nes	GAC	GAC
Anti-Green Flourescent Protein Ribozymes	GAC	GAC
ein Ri	GAG	GAG
it Prot	CGT	CGT
rescei	GTC	GTC
n Flou	TGA	TGA ACT
Anti-Green Fl	TGA ACT	TGA
ij	ပေဖ	ပဗ
<i>f</i>	19) 5' -CCAGCAG C TGA TGA GTC 3' -GGTCGTC G ACT ACT CAG	-CCATGCC -GGTACGG
	3.	3.5
	19)	20)

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GEM-Sca/Pvu	AGT ACT TTC GGC ATC ACT GCC TCA TCA TCA GCT GGG	TTC	ეეე	ATC	ACT	CCC	TCA	TCA	TCA	GCT	555	
GEM-oligo1/3	AAG CTT TTC GGC ATC ACT GCC TCA TCA AGA ATT CGG	TTC	ggc	ATC	ACT	CCC	TCA	TCA	AGA	ATT	CGG	

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pGEMEX-Sma/Kpn	992 229	AGT	ACC	GAT	GGA	ອວວ ວອອ	AGT TCA	GAT	990 990	GAA	GCC A <u>GT ACC</u> GAT GGA GGC AGT GAT GCC GAA <u>CCC GGG</u> GGC CCG CGG T <u>CA TGG</u> GCT ACT CCG TCA CTA CGG CTT <u>GGG CCC</u> CCG GGC	555 555	ອນນ ວອອ	ລອອ
pGEMEX-oligo2/3	000	AAT	TCT	TGA	TGA	388 577	AGT	GAT	ညည္ဟ	GAA	CCG AAT TCT TGA TGA GGC AGT GAT GCC GAA AAG CTT GGC CCG	CTT	000 000	ეეე ეეე

Fig. 2

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ATT	ATT	ATT	
GGA	GGA	GGA	
TCA	TCA	TCA	
TCA	TCA	TCA	
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ACT	ACT	ACT	
ATC	ATC	ATC	
၁၅၅	ეეე	CGC	
TIC	TTC		ATG
CIT	CTT	CTT	TAG
AAG	AAG	AAG	CTC
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9 90	550	SSS	SSO
Clone 1: CGG	Clone 2: C	Clone 3: CGG	nGEMEX: CGG

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AAG AAG AAG CAT CAT CAT CTG CTG CGC 299 CGC TTCGAA CTG CCT CAT CAG GAA TCG GCA TCA CTG CCT CAT CAG GAA CAG CAT CCTCTGTCATIT TCG GCA TCA TCG GCA GGC CTG CAA AGC AGC AGC CAA CAA CTG CGC CGC CGC

Clone 2: Clone 3: pGEMEX:

Clone 1:

CTTCTT